

34. A food product additive comprising an oxidized starch derived from a process comprising treating a root or tuber starch comprising at least 95 wt.% of amylopectin based on dry substance of the starch, or a derivative thereof, with hydrogen peroxide in the presence of a catalyst, wherein the catalyst comprises divalent copper ions.

35. A blanket adhesive comprising an oxidized starch derived from a process comprising treating a root or tuber starch comprising at least 95 wt.% of amylopectin based on dry substance of the starch, or a derivative thereof, with hydrogen peroxide in the presence of a catalyst, wherein the catalyst comprises divalent copper ions.

36. An emulsifying agent for an alkyl succinic anhydride, alkyl ketene dimer or alkyl isocyanate comprising an oxidized starch derived from a process comprising treating a root or tuber starch comprising at least 95 wt.% of amylopectin based on dry substance of the starch, or a derivative thereof, with hydrogen peroxide in the presence of a catalyst, wherein the catalyst comprises divalent copper ions.

AFTER THE CLAIMS:

On a separate sheet, please insert the following (a copy of the Abstract on a separate sheet is provided herein for the Examiner's convenience):

ABSTRACT

The invention relates to a process of oxidizing starch wherein a root or tuber starch comprising at least 95 wt.% based on dry substance of the starch of amylopectin, or a derivative thereof, is treated with hydrogen peroxide in the presence of a catalyst, which catalyst comprises divalent copper ions.